BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 3000000.00

Name of Work: Detailed Estimate for the work of Emergency works in ward no - 02 of yelahanka Sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Excavation and removal of silt or silt mixed with sand in slussy condition from canal bed including disposing off the same in spoil bankor on the canal embankment in layers as directed etc., complete withinitial lead upto 50 m and all lifts. MISR 2014-15 Page No 131 item No 51	cum							
	ward 2 main and cross roads and surrounding areas		2	500.00	0.60	0.60	360 00		
			2	200 00	0.60	0.60	144.00		
			2	500.00	0.60	0.60	360.00		
			2	850.00	0.60	0.60	612.00		
							1476.00	147.00	216972.00
	As per Rate Analysis	147.00							
2	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no143, PWD SR 2018-19)	cum							
	culvert		4	6.50	1.50	1.00	39 00		
	for RCC drain		1	70.00	1.00	1.00	70 00		
							109.00	137.80	15020.00
	Basic Rate	130.00							
	Area Weightage 6%	7.80							
	Grand Total	137.80							
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4 00 K.M (Item No 17.4 Page 136 (SR 2018-19)	cum							
			Vide Item No. 1+2				1585.00	87.56	138776.00

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications Specification No. TMT bars Fe 500 KBS 4.6.3-Page No 18/ Item No. 4.46/ PWD SR 2018-19	Tonne							
	for RCC drain 60 kg/cum		0.060	25.20			1.51		
	for culvert 75 kg/cum		0.075	23.40			1.76		
				48.60			3.27	75223.96	245757.00
	Basic Rate	70966.00							
	Area Weightage 6%	4257.96							
	Grand Total	75223.96							
7	RCC Precast covering slab for drain (10cm thick)	sqm							
			1	70.00	0.90		63.00		
	missing slabs		1	42.00	0.90		37.80		
							100.80	2100.00	211680.00
	Rate Approved by BBMP	2100.00							
8	Providing precast slab of **250 mm thick including cost of all** materials, labour, curing,transportation,loading ,unloading,etc ,complete as per the direction of engineer in charge-	sqm							
		4	10	1.20	0.60		28.80		
							28.80	5111.00	147196.80
	Data Rate	5111.00							
9	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. Page No. 27/ Item No. 5.29/ PWD SR 2018-19	Nos							
			1	350.00			350.00		
							350.00		
					0.45		777.78		
							778.00	477.00	371106.00
	Basic Rate	450.00							
	Area Weightage 6%	27.00							
	Grand Total	477.00							
10	Engaging on Hire Basis JCB including Driver/operator with fuel etc complete (SR 2018-19) Page No XLVIII code 1031) Sl No 23	Day							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	8			8		
	Basic Rate	5695.00					8	5695.00	45560.00
11	Engaging on Hire basis of Tractor 50 HP for Conveying of excavated and removal of Stuff from work spot (SR 2018-19) Page No XLVIII code 1024) Sl No 23	Day							
	1 Nos x 85 days(for emergency)		1	85			85		
	Basic Rate	2512.00					85	2512.00	213520.00
12	Labour charges to Unskilled Mazdoor Heavy (Page no .LIV)SR 2018-18 sl No 5	Day							
	8 Nos x 85 days(for emergency)		8	85			680.00		
	Basic Rate	446.20					680.00	446.20	303416.00
13	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. **Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil**	Cum							
			1	1250.00	0.60	0.75	562.50		
	Basic Rate	188.00					**562.50**	188.00	**105750.00**
14	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., **Page No.15 item No.3.4.2 b PRED SR 2012-13.**	Rmtr							
	75 mm dia 6 KSC PVC pipe		1	1250.00			1250.00	157.00	**196250.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
15	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs **Page No. 3 / Item No. 1.6 / PRED SR 2012-13**	Cum							
	Basic Rate	61.00	Qty. Vide Item No. 27				562.50	61.00	34313.00
								Sub Total	2677351.80
16	GST of 12% as per Govt Letter No PWD 65 RDF 2017 Dated 11-10-2018								321282.22
17	Miscellaneous charges								1365.98
								Total	3000000.00

(Rupees Thirty Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Yelahanka Division
Bangalore-64

Assistant Executive Engineer
Yelahanka sub Division
Bangalore-64

Administrative Approval

Accorded For ....30.00 Lacs
Head of A/C....P:1771.
CER NO :....54..... **Dt:**..29-11-18

TA **CE (YNK)**

Technical Sanction

Accorded For ..30.00 Lacs
Head of A/C....P:1771
CER NO :....99..... **Dt:**..29-11-18

TA **CE (YNK)**